

# Electronic Information Disclosure Statement

## System and Method for Selecting an External User Interface Using Spatial Information

JC474 U.S. PTO  
10/064293



Application:

Confirmation:

Applicant(s): George Macdonald

Docket  
Number: F-533

Group Art

Unit:

Examiner:

search string: (6374306 or 4988981 or 5906657 or 5495077 or 5703623 or 6243682 or 6016476 or 6020881 or 6144950 or 6127941 or 5450079 or 5935221 or 6151590 or 6081795 or 6202057 or 6407779 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
Cy	P01	6374306	2002-04-16		Tognazzini		
I	P02	4988981	1991-01-29		Zimmerman et al.		
	P03	5906657	1999-05-25		Tognazzini		
	P04	5495077	1996-02-27		Miller, et al.		
	P05	5703623	1997-12-30		Hall, et al.		
					Eghtesadi, et		

Q	P06	6243682	2001-06-05		al.
	P07	6016476	2000-01-18		Maes, et al.
	P08	6020881	2000-02-01		Naughton, et al.
	P09	6144950	2000-11-07		Davies, et al.
	P10	6127941	2000-10-03		Van Ryzin
	P11	5450079	1995-09-12		Dunaway
	P12	5935221	1999-08-10		Felmus, et al.
	P13	6151590	2000-11-21		Cordery, et al.
	P14	6081795	2000-06-27		Ryan, Jr.
	P15	6202057	2001-03-13		Pierce
V	P16	6407779	2002-06-18		Herz

## Remarks

(Remarks are not for responding to an office action.)

Applicant submits herewith patents, publications or other information of which Applicant is aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56. This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" against this application unless specifically designated as such. In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(b) exists. In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b). This Information Disclosure Statement is being filed according to one of the following: (i) within 3 months of the filing date of this application (other than a CPA); (ii) within 3 months of the date of entry of the national stage as set forth in § 1.491 in an international application; (iii) before the mailing of a first Office action on the merits; or (iv) before the mailing of a first Office action after the filing of a request for continued examination under § 1.114. In accordance with electronic filing procedures, copies of the patents and patent applications listed herein are not attached. The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 16-1885.

## Signature

Examiner Name	Date
EL HADJI SALL	08/31/08



FORM PTO-1449 (Modified)

Atty. Docket Number  
F-533Serial No.  
10/064,293**INFORMATION DISCLOSURE  
STATEMENT  
BY APPLICANT**Applicant  
George M. Macdonald et al.Filing Date  
June 28, 2002Group  
TBD**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CF	AA	5,327,160	7/5/94	Asher	345	156	11/16/92
	AB	5,371,553	12/6/94	Kawamura et al.	348	734	5/6/94
	AC	5,437,010	7/25/95	Blackman et al.	395	161	8/23/93
	AD	5,666,530	9/9/97	Clark et al.	395	617	12/2/92
	AE	5,684,706	11/4/97	Harman et al.	364	464.16	5/31/95
	AF	5,935,221	8/10/99	Felmus et al.	710	10	6/30/97
	AG	6,223,029	4/24/01	Stenman et al.	455	420	4/29/97
	AH	6,243,682	6/5/01	Eghtesadi et al.	704	270	11/9/98
	AI	6,266,055B1	7/24/01	Mozdzer et al.	345	333	7/30/99
	AJ	6,307,571B2	10/23/01	Mozdzer et al.	345	762	3/15/01
	AK	6,374,306	4/16/02	Tognazzini	709	248	3/12/99

**FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
CF	AL	WO 01/41483A1	06/07/01	PCT			
	AM	EP 1 069 500 A1	01/17/01	EPO			
	AN	EP 1 045 302 A1	10/18/00	EPO			

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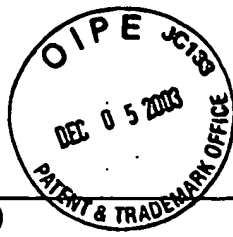
Technology Center 2100



<b>FORM PTO-1449 (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Atty. Docket Number</b> F-533	<b>Serial No.</b> 10/064,293
	<b>Applicant</b> George M. Macdonald et al.	
	<b>Filing Date</b> June 28, 2002	<b>Group</b> TBD

<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>		
	AO	Communication Ubiquity Enables Ubiquitous Control - Brad A. Myers and Jeffrey Nichols; dated November 27, 2001, accessed on Internet 6/28/02.
	AP	Floor Control in a Highly Collaborative Co-Located Task - Brad A. Myers, Yu Shan A. Chuang, Marsha Tjandra, Mon-chu Chen, and Chun-Kwok Lee, undated, accessed on Internet 6/28/02 at <a href="http://www.cs.cmu.edu/~pebbles">http://www.cs.cmu.edu/~pebbles</a> .
	AQ	Generating Remote Control Interfaces for Complex Appliances - Jeffrey Nichols, Brad A. Myers, Michael Higgins, Joseph Hughes, Thomas K. Harris, Roni Rosenfeld, Mathilde Pignol, undated, accessed on Internet 6/28/02 at <a href="http://www.cs.cmu.edu/~pebbles">http://www.cs.cmu.edu/~pebbles</a> .
	AR	Personal Interfaces in Ubiquitous Environments - Position paper for the CHI'2001 Workshop on Building the Ubiquitous Computing User Experience - Jeffrey Nichols, Brad A. Myers and Rob Miller, undated, accessed 6/28/02.
	AS	Requirements for Automatically Generating Multi-Modal Interfaces for Complex Appliances - Jeffrey Nichols, Brad Myers, Thomas K. Harris, Roni Rosenfeld, Stefanie Shriver, Michael Higgins and Joseph Hughes, undated, accessed on Internet 6/28/02 at <a href="http://www.cs.cmu.edu/~pebbles">http://www.cs.cmu.edu/~pebbles</a> .
	AT	Studying The Use of Handhelds to Control Everyday Appliances - Jeffrey Nichols and Brad A. Myers, undated, accessed on Internet 6/28/02 at <a href="http://www.cs.cmu.edu/~pebbles">http://www.cs.cmu.edu/~pebbles</a> .
	AU	User Interfaces that Span Hand-Held and Fixed Devices - Position paper for the CHI'2001 Workshop on Distributed and Disappearing User Interfaces in Ubiquitous Computing - Brad A. Myers, Jeff Nichols and Rob Miller, undated, accessed 6/28/02.
	AV	Centimeter-Accuracy Indoor Navigation Using GPS-Like Pseudolites - GPS World, dated November 1, 2001.
<b>EXAMINER</b> EL HADJI SALL		<b>DATE CONSIDERED</b> 08/31/05
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.		

Serial No. 10/064,293  
Attorney Docket No.: F-533



FORM PTO-1449 (Modified)		Atty. Docket Number F-533		Serial No. 10/064,293			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant Jean-Hiram Coffy, et al.					
		Filing Date June 28, 2002		Group 2157			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CP	AA	5,742,683	4/21/98	D.K. Lee et al.	380	23	12/19/95
	AB	5,812,991	9/22/98	Salim G. Kara	705	410	10/2/96
	AC	6,005,945	12/21/9	H.T. Whitehouse	380	51	3/20/97
	AD	6,085,181	7/4/00	L.V. Gravell et al.	705	408	12/8/97
	AE	6,249,777 B1	6/19/01	S.G. Kara et al.	705	404	7/15/98
	AF	6,295,359	9/25/01	R.A. Cordery et al.	380	44	5/21/98
	AG	6,341,274 B1	1/22/02	J.P. Leon	705	410	7/21/99
	AH						
<b>FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AM						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
CP	AR	M. Beard, et al., What I need is what I get: downloadable user interfaces via Jini and Java, CHI '01, Seattle, Wash., 2001, pp. 15 - 16.					
	AS	A. Krebs, et al., Mobile adaptive applications for ubiquitous collaboration in heterogeneous environments, ICDCSW, 2002, pp. 401 -407.					
	AT	B. Meyers, Using Handhels and PCs Together, Comm of ACM, vol. 44, no. 11, 2001, pp. 34-41.					
	AU	J. Nichols, Using handhelds as controls for everyday appliances: a paper prototype study, CHI '01, Seattle, Wash., 2001, pp. 443-444.					
	AV	N. Priyantha, et al., The Cricket location-support system, Proc. 6th an. international conference on Mobile computing and networking, Boston, Mass., 2000, pp.32 - 43.					
	AW	C. Randall, et al., Low Cost Indoor Positioning System, Ubicomp 2001: Ubiquitous Computing, pp. 42-48, Springer-Verlag, 2001.					
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Serial No. 10/064,293

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	AA						
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<b>FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AM						
	AN						
	AO						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
EP	AR	Bahl, et al., RADAR: An In-Building RF-based User Location and Tracking System, Infocom 2000, Proceedings IEEE, Vol. 2, pp. 775-784, March 2000.					
	AS	Palmer, A Spread Spectrum Acoustic Ranging System – An Overview, Proc. Of the 2002 IEEE Canadian Conference on Electrical & Computer Engineering, vol. 3, pp. 1242-45, May 2002.					
	AT	Prigge, et al., An Indoor Absolute Positioning system with No Line of Sight Restrictions and Building-Wide Coverage, Proc. Of the 2000 IEEE Int. Conf. On Robotics & Automation, vol. 2, pp. 1015-22, April 2000.					
EXAMINER <i>EL MAOJI SALL</i>				DATE CONSIDERED <i>08/31/05</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.							